

Title (en)

Queued posted-write disk write method with improved error handling.

Title (de)

Warteschlangen-Nachschreibplattenschreibverfahren mit Fehlerbehandlung.

Title (fr)

Méthode de mise en file d'attente d'écriture sur disque à écriture postérieure à traitement d'erreur.

Publication

EP 0359384 A2 19900321 (EN)

Application

EP 89307948 A 19890804

Priority

US 24586588 A 19880916

Abstract (en)

A posted-write queuing program for writing information sectors to disk sectors includes error-handling routines to minimize the risk of data loss upon specified types of errors. Upon timeouts, queuing is suspended and all information sectors pending in the queue are written out to the corresponding disk sectors. Upon specified types of write errors, queuing is discontinued and repeated attempts are made to write out all information sectors to the corresponding disk sectors. For each unsuccessful attempt, the corresponding information sector is saved in the queue; the user is alerted, and subsequent read or write requests directed to the corresponding disk sector is serviced from the saved information sector in the queue.

IPC 1-7

G06F 11/00

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

US7103794B2; US7685169B2; US7962531B2; EP0498520A3; US5680580A; US5867668A; US5751997A; US5963962A; EP0702815A4; EP0508666A3; EP0510245A1; US5835957A; US5574950A; US6038570A; WO9417473A1; WO9857265A1; US7293097B2; US8122286B1; US9009168B2

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